

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Ko YOSHIDA et al.

Group Art Unit: 2834

Application No.: 09/740,038

Examiner: T. Lam

Filed: December 20, 2000

Docket No.: 111340

For: ROTARY ELECTRIC MACHINE WITH STATOR ELASTIC SUPPORT
STRUCTURE

#9 / Revocation
P/A
P. EVANS
2-16-02
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SUBMISSION OF POWER OF ATTORNEY BY ASSIGNEE


Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Enclosed is a Power of Attorney by Assignee to be made of record in the above-identified application.

In the event of any nonpayment or improper payment of a required fee, the Director is authorized to charge or to credit OLIFF & BERRIDGE, PLC Deposit Account No. 15-0461 as required to correct the error.

Respectfully submitted,


James A. Oliff
Registration No. 27,075

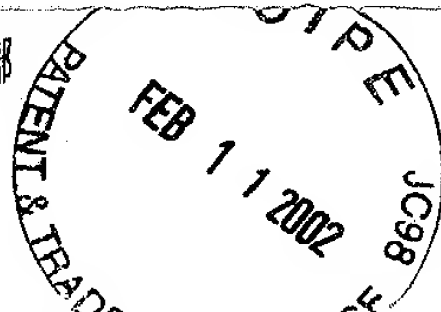
John W. Fitzpatrick
Registration No. 41,018

JAO:JWF/cca

Date: February 11, 2002

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

POWER OF ATTORNEY BY ASSIGNEE

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Denso Corporation is the Assignee of the entire right, title and interest in the patent applications identified in the attached Appendix A by virtue of Assignments recorded at the locations identified in the Appendix. Additionally, Denso Corporation is the Assignee of the entire right, title and interest in the following three patent applications for which Assignments have been filed, but the original Assignments, indicating the dates and reel and frame numbers of recordation, have not yet been returned.:

<u>U.S. Patent Application No.</u>	<u>Filed</u>	<u>Inventors</u>
09/891,222	June 26, 2001	Keiji TAKAHASHI et al.
09/925,373	August 10, 2001	Naoki YAMAMOTO et al.
09/893,417	June 29, 2001	Makoto TANIGUCHI et al.

Copies of the Recordation Cover Sheets and executed Assignments as filed for these applications are attached hereto.

The undersigned is authorized to act on behalf of Denso Corporation; has reviewed the evidentiary documents in the chain of title; and certifies that to the best of the Assignee's knowledge and belief, title is in the Assignee.

Denso Corporation hereby revokes all prior powers of attorney and appoints the following as attorneys of record with full power of substitution and revocation to prosecute this application and all continuations and divisions thereof, and to transact all business in the Patent and Trademark Office:

James A. Oliff, Registration No. 27,075;
William P. Berridge, Registration No. 30,024;
Kirk M. Hudson, Registration No. 27,562;
Thomas J. Pardini, Registration No. 30,411;
Edward P. Walker, Registration No. 31,450;
Robert A. Miller, Registration No. 32,771;
Mario A. Costantino, Registration No. 33,565;
Stephen J. Roe, Registration No. 34,463;
Joel S. Armstrong, Registration No. 36,430;
Christopher W. Brown, Registration No. 38,025;
Richard E. Rice, Registration No. 31,560; and
Paul Tsou, Registration No. 37,956.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION
SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA,
VIRGINIA 22320. TELEPHONE: (703) 836-6400.

Jan. 30, 2002
Date

Masashi Kamiya
Signature

Typed Name: Masashi Kamiya

Title: General Manager

APPENDIX A

<u>U.S. Patent</u> <u>Application Serial</u> <u>No.</u>	<u>Filed</u>	<u>Oliff & Berridge,</u> <u>PLC Docket No.</u>	<u>Reel/Frame</u> <u>No.</u>
09/736,251	December 15, 2000	111275	011366/0518
09/576,631	May 24, 2000	111338	010823/0867
09/620,906	July 20, 2000	111339	010954/0395
09/740,038	December 20, 2000	111340	011711/0918
09/742,292	December 22, 2000	111341	011654/0986
09/466,477	December 17, 1999	111347	010468/0948

BOX ASSIGNMENTS

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PATENT APPLICATIONS & PATENTS ONLYTO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS:
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Keiji TAKAHASHI
3. Makoto TANIGUCHI
5.
7.2. Toshinori MARUYAMA
4.
6.
8.ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DENSO CORPORATION

ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)☒ ASSIGNMENT OF ☒ WHOLE ☐ PART INTEREST
☒ ORIGINAL ☐ FACSIMILE/PHOTOCOPY
☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION
☐ SECURITY ☐ MERGER ☐ OTHER:

EXEC. DATE: June 29, 2001

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) June 29, 2001

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NOA. PAT. APP. NO.(S)
series code/serial no.

M#

1. INVENTOR
If not in Item 1

09/891,222

281490

B. PATENT NO.(S)

M#

1. INVENTOR
If not in Item 15. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:Pillsbury Winthrop LLP
Intellectual Property Group
1600 Tysons Boulevard
McLean, VA 22102

6. NUMBER INVOLVED:

APPLNS 1 + PATS 0 = TOTAL = 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT: Tel: (703) 905-2000

P 281490

60303-US-SUS

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3875

UNDER ORDER NO

30954

281490

MATTER NO.

CLIENT REF.

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CLIENT NO.

MATTER NO.

9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.



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10. Total number of pages including this
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Attorney: Paul T. Bowen

Reg. No. 38009

Date: October 29, 2001

Atty/Sec: PTB/vaw

TEL: (703) 905-2020

FAX: (703) 905-2500

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Client Ref.

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT
NAME(S) OF
INVENTOR(S)

(1) Keiji TAKAHASHI	(2) Toshinori MARUYAMA
(3) Makoto TANIGUCHI	(4)
(5)	<input type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

DENSO CORPORATION
1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF
INVENTION

VOLTAGE REGULATOR OF VEHICLE AC GENERATOR

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →

(Complete

line A, B and/or C)

(A) ☒ even date herewith(B) ☐ on(C) ☐ in U.S. Appl. No. 1 filed

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

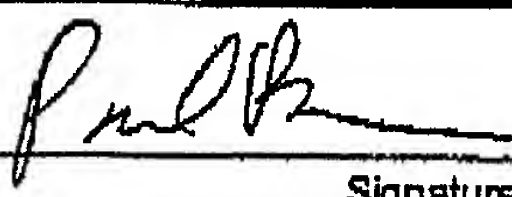
NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS

	INVENTORS	DATE SIGNED	WITNESSES
1):	<u>Keiji Takahashi</u>	<u>June 29, 2001</u>	<u>Hiroshi Ishida</u>
Name:	Keiji TAKAHASHI		
2):	<u>Toshinori Maruyama</u>	<u>June 29, 2001</u>	<u>Hiroshi Ishida</u>
Name:	Toshinori MARUYAMA		
3):	<u>Makoto Taniguchi</u>	<u>June 29, 2001</u>	<u>Hiroshi Ishida</u>
Name:	Makoto TANIGUCHI		
4):			
Name:			
5):			
Name:			

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1. Naoki YAMAMOTO		2. Makoto TANIGUCHI			
3. Hitoshi IRIE		4.			
5.		6.			
7.		8.			
ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:					
NAME: DENSO CORPORATION					
ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan					
ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
3. NATURE OF CONVEYANCE (DOCUMENT): (Submit herewith <u>only one document</u> for recordation—multiple copies of same Assignment signed by different inventors is one document)					
<input checked="" type="checkbox"/> ASSIGNMENT OF		<input checked="" type="checkbox"/> WHOLE <input type="checkbox"/> PART INTEREST		EXEC. DATE: August 6, 2001	
<input checked="" type="checkbox"/> ORIGINAL		<input type="checkbox"/> FACSIMILE/PHOTOCOPY			
<input type="checkbox"/> CHANGE OF NAME		<input type="checkbox"/> VERIFIED TRANSLATION			
<input type="checkbox"/> SECURITY <input type="checkbox"/> MERGER		<input type="checkbox"/> OTHER:			
EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY) August 6, 2001					
4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
A. PAT. APP. NO.(S)		B. PATENT NO.(S)		C. INVENTOR	
Series code/serial no.		File no./int. no.		File no./int. no.	
09/925,373		282781			
5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:			6. NUMBER INVOLVED: APPLNS <u>1</u> + PATS <u>0</u> = TOTAL = <u>1</u>		
Pillsbury Winthrop LLP Intellectual Property Group 1600 Tysons Boulevard McLean, VA 22102			7. AMOUNT OF FEE ENCLOSED: (Code 581) ABOVE TOTAL x \$40 = \$40		
5.5 ATTY DKT: Tel: (703) 905-2000			8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975		
P 282781		57249-US-SN/nh		UNDER ORDER NO 30954 282781	
MATTER NO.		CLIENT REF.		dup. sheet not required CLIENT NO. MATTER NO.	
9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.					
				10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)	
Signature				2	
Attorney: Paul T. Bowen		Reg. No. 38009		Date: October 29, 2001	
Atty/Sec: PTB/vaw		TEL: (703) 905-2020		FAX: (703) 905-2500	
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57249-US-SN/nh

M#

Client Ref.

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INSERT
NAME(S) OF
INVENTOR(S)

(1) Naoki YAMAMOTO

(2) Makoto TANIGUCHI

(3) Hitoshi IRIE

(4)

(5)

☐ x box if continued on page 2

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INSERT
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& ADDRESS(ES)

DENSO CORPORATION

1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan

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NOTE → →

(Complete

line A, B and/or C)

(A) ☒ even date herewith(B) ☐ on(C) ☐ in U.S. Appln. No.

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AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → →

The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS

1):
Name:
2)
Name:
3)
Name:
4)
Name:
5)
Name:

Naoki Yamamoto
Naoki YAMAMOTOMakoto Taniguchi
Makoto TANIGUCHIHitoshi Irie
Hitoshi IRIE

DATE SIGNED

August 6, 2001

August 6, 2001

August 6, 2001

WITNESSES

Hitoshi Irie

Hitoshi Irie

Hitoshi Irie

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1. Makoto TANIGUCHI		4.	
3. Toshinori MARUYAMA		6.	
5.		8.	
7.			
ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
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ADDRESS: 1-1 Showa-cho, Kariya-city, Aichi-pref., 448-8681 JAPAN			
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<input type="checkbox"/> CHANGE OF NAME		<input type="checkbox"/> VERIFIED TRANSLATION	
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4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
A. PAT. APP. NO.(S)		B. PATENT NO.(S)	
series code/serial no.		if not in Item 1	
NEW APPLICATION		0281516	
5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:		6. NUMBER INVOLVED:	
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P 0281516		8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975	
MATTER NO.		UNDER ORDER NO 030954 0281516	
CLIENT REF.		dup sheet not required CLIENT NO MATTER NO.	
9.			
Signature Paul T. Bowen		10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)	
Attorney: Paul T. Bowen		2	
Reg. No. 38009		Date: July 6, 2001	
Atty/Sec: PTL/nel		TEL: (703) 905-2020 FAX: (703) 905-2500	
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Atty. Dkt. PW

56759-US-SN/mo

M#

Client Ref.

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT

NAME(S) OF
INVENTOR(S)

(1) Makoto TANIGUCHI

(3) Koji TANAKA

(5)

(2) Tomoya OKUNO

(4)

☐ x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT

NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

DENSO CORPORATION

1-1, Showa-cho, Karlya-city, Aichi-pref., 448-8661 Japan

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TITLE OF
INVENTION

VEHICLE ALTERNATOR

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →

(Complete

line A, B and/or C)

(A) ☒ even date herewith(B) ☐ on(C) ☐ In U.S. Appin. No.

/

filed

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NOTE → →

The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS

DATE SIGNED

WITNESSES

1):
Name:

Makoto Taniguchi
Makoto TANIGUCHI

June 20, 2001Hiroshi Sekida

2):
Name:

Tomoya Okuno
Tomoya OKUNO

June 20, 2001Hiroshi Sekida

3):
Name:

Koji Tanaka
Koji TANAKA

June 21, 2001Hiroshi Sekida